

EMMANUEL TAIWO



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SKILLS

- Javascript | Typescript | ReactJS | NextJS | Redux | NodeJS | ExpressJS | Jest | Cypress | Gatsby | GraphQL | Firebase | MongoDB
- Unit Testing | Integration Testing | A/B Testing | End-to-End Testing | Tailwind CSS | SASS | Material UI | Styled Components
- Git | Github | GitLab | AWS | CI/CD | Netlify | Vercel | Trello | Jira | Azure | Cloud Computing | Microservices | Docker | Kubernetes

EXPERIENCE

Frontend Engineer

Bals University

March 2023 - July 2023

- Led the team in improving user interface development using **Next.js**, **TypeScript**, **Tailwind CSS**, and **React Query**, resulting in a **90%** improvement in overall application performance.
- Engineered highly responsive web designs, enhancing platform usability by **70%** across diverse devices.
- Diagnosed and resolved frontend issues, reducing reported incidents by **65%** and improving the overall user experience.
- Conducted A/B testing strategies for various UI elements, resulting in a substantial **70%** improvement in conversion rates and providing valuable insights into user preferences.
- Collaborated seamlessly with cross-functional teams, including project managers, UI/UX designers, and fellow developers, to integrate backend functionalities which resulted to an impressive **80%** increase in system efficiency and a significant improvement in user interactions, quantified through reduced server response times.
- Implemented rigorous **unit testing**, **integration testing** ensuring code reliability and stability throughout the development lifecycle.
- Executed targeted UI enhancements, leading to an 80% increase in conversion rates and a potential revenue uplift of **\$500,000**.

Frontend Engineer

Boundless Digital Services

July 2023 - September 2023

- Revolutionized dynamic component development with **React** and **Next.js**, yielding an **65%** boost in user engagement, evidenced by increased interactions, extended platform usage, and a corresponding **75%** rise in user retention rates.
- Led code reviews and participated in team discussions, increasing overall code quality and adherence to best practices.
- Streamlined website codebase, resulting in a **50%** decrease in server response time and a **20%** improvement in overall site performance, enhancing user experience and increasing conversion rates.
- Implemented web performance optimization techniques, reducing page load times by **70%** and enhancing user satisfaction.
- Engineered responsive web interfaces, decreasing user-reported display issues by **50%** and positively impacting user satisfaction.

PROJECT

SpendSense - Finance Management Tool

August 2023 - September 2023

- Architected and developed a robust financial management tool using **Next.js**, **TypeScript**, **Material-UI**, **Redux**, **Tailwind CSS**, **Firestore**, and **Firebase**, resulting in a significant **70%** enhancement in system stability.
- Implemented a comprehensive testing strategy, including **unit testing**, **integration testing**, and **end-to-end testing**, ensuring the reliability and accuracy of critical functionalities and transactions within the tool.
- Implemented a secure user authentication system, leading to an **80%** increase in user sign-ups and improved user trust.
- Designed a compelling dashboard interface, contributing to a **75%** increase in user engagement and **60%** more time spent on the platform daily.
- Integrated a highly customizable chart library, resulting in a **90%** surge in user interactions with analytics features.
- The tool's user experience and interface enhancements led to a measurable **70%** improvement in system stability and responsiveness, offering users a reliable and seamless tool for effective financial management.
- Resolved the need for in-depth financial insights by providing a feature-rich analytics dashboard, resulting in **80%** increase of user signups.

GETLINKED - HACKATHON

SEPTEMBER 2023 - OCTOBER 2023

- Constructed a comprehensive website within the tight timeframe of the hackathon, meeting all design requirements. Achieved a **80%** improvement in project completion efficiency.
- Implemented a structured workflow that prioritized tasks, resulting in a streamlined solo development process. Realized a **40%** reduction in development time.
- Successfully addressed time management and code efficiency challenges, leading to a polished and high-quality project. Achieved a **60%** reduction in debugging time.
- Provided real-time insights that enhanced decision-making, contributing to a seamless development experience. Resulted in a **50%** reduction in decision-making time.
- Demonstrated proficiency in **React.js**, **Next.js**, **Typescript**, **Material UI**, and **Tailwind CSS**, contributing to the project's overall success.
- Successful implementation of solutions resulted in positive feedback and recognition for effective problem-solving. Achieved an **80%** improvement in issue resolution.

EDUCATION

National Open University Of Nigeria (Lagos, Nigeria)

September 2023 - October 2027

- BSc Computer Science